



N.K Engineering & Research Center

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Calibration Certificate

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Certificate No.- NKERC/23-24/1905

Format No.-QS-22F

ULR No	CC334924000001905F	Calibration Date	28.02.2024	S.R.F.No & Date	95/26/02/2024
Issue Date	29.02.2024	Sug.Cali. Due Date	27.02.2025	Receipt Date	28.02.2024

Name & Address of Customer:-

M/s:- Biochemistry and Pathology Laboratory.
Regional Research Institute of Unani Medicine,
Guzri, Patna City, Bihar- 800008.

Identification of UUC (Unit Under Calibration)

Instrument Name	Dig. Temp. Indicator With RTD Sensor	Visual Condition	Satisfactory
Serial No./ID	00324ZAX8000264	Accuracy	-
Make/Model	Samsung/RT23M	Calibration Performed	Site
Range	2 to 8°C	Location	Lab
Least count	0.1°C	Reference Standard	ITS 90

Calibration Procedure/Method : CI(T)-01

Environmental Condition(s) maintained during calibration :-

Temperature :-	(25±5)°C	Relative Humidity:-	(50±20)%RH
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I. DISCIPLINE : Thermal

Standard & Major Equipment(s) Used:

Sr. No.	Standard Equipments	Range/ ID	Calibration Agency	Certificate No.	Calibration Date	Cal Due date
1	Dig. Thermometer with RTD Sensor	(-)80 to 400°C/ NKERC/DTM/RTD-01	TransCal	TSC/23-24/15410-1	19.12.2023	18.12.2024

Calibration Results

Sr. No.	Parameter	Standard Value (in°C)	UUC Value (in°C)	Deviation (in°C)	Measurements Uncertainty at 95% C.L, k=2 (±°C)
1	Temperature (in °C)	1.872	2	0.128	±0.06
2		3.438	4	0.562	±0.06
3		5.276	6	0.724	±0.06
4		6.261	7	0.739	±0.06
5		7.114	8	0.886	±0.06

****END THE REPORT****

NOTE:

- The result are valid only for this Calibrated item.
- The calibration report shall not be reproduced without the written approval of calibration laboratory.
- Result reported are valid at the time of & under the stated conditions of measurement
- Laboratory standards are traceable to National/International Standards.
- Calibration Certificates issued for scientific purpose only and should not be used for Trade / Commercial use.

CALIBRATED BY

(CALIBRATION ENGINEER)



APPROVED BY

NIKHIL KUMAR JHA
(Q.M.T.M.)